

EXPERIMENTAL EVALUATION OF ATMOSPHERIC EFFECTS
ON RADIOMETRIC MEASUREMENTS USING THE EREP
OF SKYLAB (EPN No. 439)

Contract No. NAS 9-13343

Prepared by

David T. Chang
Principal Investigator

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

Seventh Quarterly Progress Report
November 1974 - January 1975

Submitted by

ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
696 Virginia Road
Concord, Massachusetts 01742

Contract Monitor

Larry B. York, Code TF6
Principal Investigations Management Office
NASA - Lyndon B. Johnson Space Center
Houston, Texas 77058

(E75-10133) EXPERIMENTAL EVALUATION OF
ATMOSPHERIC EFFECTS ON RADIOMETRIC
MEASUREMENTS USING THE EREP OF SKYLAB
Quarterly Progress Report, Nov. 1974 - Jan.
1975 (Environmental Research and Technology, G3/43

N75-16952

Unclass
00133

Experimental Evaluation of Atmospheric Effects
on Radiometric Measurements Using the
EREP of SKYLAB

1. Program Summary

Additional S192 multispectral scanner digital data segments have been received for the Salton Sea test site (#547119). Analysis based on these data is continuing.

2. Work Accomplished During the Reporting Period

The following S192 computer compatible tapes were received during the quarter:

<u>Pass</u>	<u>Output Tape No.</u>	<u>Site #</u>
2	932865/932866	547119 (Salton Sea)
43	932720/932721	547119

Analysis of atmospheric effects based on appropriate models is in progress.

3. Significant Results

There are no significant results to report at this time.

4. Data Outstanding

S192 computer compatible tapes for pass 39 test site #547220 (Great Salt Lake - Salt Flat) have not been received yet.

5. Future Plans

The required analysis will continue throughout the next quarter.